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PTO/SB/05 (03-01) Approved for use through 10/31/2002, OMB 0651-0032 Please type a plus sign (+) inside this box U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. P-1045 UTILITY Attorney Docket No.

## PATENT APPLICATION **TRANSMITTAL**

Julian Norley et al First Inventor Graphite-Based Thermal Dissipation Component Express Mail Label No. EF0948668 48 US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICAT	TION ELEMENTS	Assistant Commissioner for Patents Box Patent Application			
See MPEP chapter 600 conce	erning utility patent application contents.	Washington, DC 20231			
1. X Fee Transmittal For (Submit an original and a du	rm (e.g., PTO/SB/17) uplicate for fee processing)	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)			
<ol> <li>Applicant claims sm See 37 CFR 1.27.</li> </ol>	-	8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)			
3. X Specification (preferred arrangement s	[Total Pages 19]	a. Computer Readable Form (CRF)			
- Descriptive title o		b. Specification Sequence Listing on:			
	to Related Applications rding Fed sponsored R & D	i. CD-ROM or CD-R (2 copies); or			
	quence listing, a table,	i i paper			
or a computer pro- - Background of the	ogram listing appendix he Invention	c. Statements verifying identity of above copies			
- Brief Summary of	of the Invention	ACCOMPANYING APPLICATION PARTS			
- Brief Description - Detailed Descrip	of the Drawings (if filed)	Assignment Papers (cover sheet & document(s))			
- Claim(s)		37 CFR 3.73(b) Statement Power of			
- Abstract of the D	Disclosure	10. (when there is an assignee) Attorney			
4. Drawing(s) (35 U.S	S.C. 113) [Total Sheets]	11. English Translation Document (if applicable)			
5. Oath or Declaration	[ Total Pages	12. Information Disclosure Copies of IDS Statement (IDS)/PTO-1449			
a. Newly execut	ted (original or copy)	13. Preliminary Amendment			
Copy from a	prior application (37 CFR 1.63 (d)) ion/divisional with Box 18 completed)	14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized)			
	ON OF INVENTOR(S)	15. Certified Copy of Priority Document(s) (if foreign priority is claimed)			
	ement attached deleting inventor(s) ne prior application, see 37 CFR and 1.33(b).	16. Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35			
6. Application Data S	Sheet. See 37 CFR 1.76	or its equivalent.  17. Other:			
18. If a CONTINUING APPLIC	CATION, check appropriate box, and su	oply the requisite information below and in a preliminary amendment,			
or in an Application Data She	et under 37 CFR 1.76:	00 006 005			
Continuation	Divisional X Continuation-in-part (CIP	0.710			
Prior application information:	Examiner	Group Art Unit: 3743			
Box 5b, is considered a part of	the disclosure of the accompanying conti	the prior application, from which an oath or declaration is supplied under nuation or divisional application and is hereby incorporated by reference. ertently omitted from the submitted application parts.			
The moorporation data stay we		DENCE ADDRESS			
Customer Number or Bar Co	de Label (Insert Customer No. de Attach	or X Correspondence address below			
Name	James R. Cartiglia				
	Graftech Inc.				
Address	3102 West End Avenue,	Suite 1100			
City	Nashville State Tennessee Zip Code 3720				
Country	U.S.A.	elephone 615-760-7722 Fax 615-760-77			
Name (Print/Type)	James R, Cartiglia	Registration No. (Attorney/Agent) 30738			
Signature	XI D	Date 6/25/0/			

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PTO/SB/17 (11-00) Approved for use through 10/31/2002, OMB 0651-0032 U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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## **FEE TRANSMITTAL** for FY 2001

Patent fees are subject to annual revision

**TOTAL AMOUNT OF PAYMENT** 

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Complete if Known				
Application Number				
Filing Date				
First Named Inventor	Julian Norley et al			
Examiner Name				
Group Art Unit				
Attorney Docket No.	P-1045			

METHOD OF PAYMENT	FEE CALCULATION (continued)				
1. X The Commissioner is hereby authorized to charge indicated fees and credit any overrowments to:	3. ADDITIONAL FEES				
indicated fees and credit any overpayments to:  Deposit	Large Small				
Account Number 50-1202	Entity Entity Fee Fee Fee Fee Fee Description	Fee Paid			
Deposit	Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	ree raiu			
Account Name Graftech Inc.	105 130 205 65 Surcharge - late filing fee or oath				
Charge Any Additional Fee Required Under 37 CFR 1 16 and 1 17	127 50 227 25 Surcharge - late provisional filing fee or cover sheet				
Applicant claims small entity status	139 130 139 130 Non-English specification				
See 37 CFR 1 27	147 2,520 147 2,520 For filing a request for ex parte reexamination				
2. Payment Enclosed:  Check Credit card Money Other	112 920* 112 920* Requesting publication of SIR prior to Examıner action				
FEE CALCULATION	113 1,840* 113 1,840* Requesting publication of SIR after Examiner action				
	115 110 215 55 Extension for reply within first month				
1. BASIC FILING FEE  Large Entity Small Entity	116 390 216 195 Extension for reply within second month				
Fee Fee Fee Fee Description	117 890 217 445 Extension for reply within third month				
	118 1,390 218 695 Extension for reply within fourth month				
101 710 201 355 Utility filing fee 710.00	128 1,890 228 945 Extension for reply within fifth month				
	119 310 219 155 Notice of Appeal				
107 490 207 245 Plant filing fee 108 710 208 355 Reissue filing fee	120 310 220 155 Filing a brief in support of an appeal				
114 150 214 75 Provisional filing fee	121 270 221 135 Request for oral hearing				
	138 1,510 138 1,510 Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 710.00	140 110 240 55 Petition to revive - unavoidable				
2. EXTRA CLAIM FEES	141 1,240 241 620 Petition to revive - unintentional				
Fee from  Extra Claims below Fee Paid	142 1,240 242 620 Utility issue fee (or reissue)				
Total Claims 17 -20** = X =	143 440 243 220 Design issue fee				
Independent 3 - 3** = X =	144 600 244 300 Plant issue fee				
Multiple Dependent =	122 130 122 130 Petitions to the Commissioner				
	123 50 123 50 Processing fee under 37 CFR 1.17(q)				
Large Entity Small Entity Fee Fee Fee Fee Description	126 180 126 180 Submission of Information Disclosure Stmt				
Code (\$) Code (\$)  103 18 203 9 Claims in excess of 20	581 40 581 40 Recording each patent assignment per property (times number of properties)				
102 80 202 40 Independent claims in excess of 3	146 710 246 355 Filing a submission after final rejection				
104 270 204 135 Multiple dependent claim, if not paid	(37 ČFR § 1.129(a))				
109 80 209 40 ** Reissue independent claims over original patent	149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))				
110 18 210 9 ** Reissue claims in excess of 20	179 710 279 355 Request for Continued Examination (RCE)				
and over original patent	169 900 169 900 Request for expedited examination of a design application				
SUBTOTAL (2) (\$)	Other fee (specify)				
	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)				
**or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) ((\$)				

SUBMITTED BY				Complete (if	Complete (if applicable)		
Name (Print/Type)	James R. Cartiglia	Registration No. (Attomey/Agent)	30738	Telephone	615-760-7722		
Signature	VID .			Date	6/25/01		

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